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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/966,552	09/26/2001	Alexander Medvinsky	018926-007800US	4619

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EXAMINER

PYZOCHA, MICHAEL J

ART UNIT	PAPER NUMBER
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2137

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/966,552

Applicant(s)

MEDVINSKY ET AL.

Examiner

Michael Pyzocha

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-9 are pending.
2. Amendment filed 08/04/2005 has been received and considered.

Specification

The objections to the specification have been withdrawn based on the filed amendments.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 1-2 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tanaka (US 5029208), and further in view of Doonan et al (US 6807277).

As per claims 1-2 and 7, Tanaka discloses a client to be registered; registering the client and assigning it a unique user ID; a key distribution center for generating a provisioning

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key associated with the user ID; generating configuration parameters for initializing the client, the provisioning key being included in the configuration parameters; and upon initialization the client provides its public key (see column 4 lines 2-29).

Tanaka fails to disclose the use of a provisional (or intermediate) server.

However, Doonan et al teaches the use of an intermediary server (see column 4 lines 35-37 where a web site is held on a web server) and storing the public key or generating a certificate (see column 4 lines 41-57).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to use Doonan et al's intermediary server in the key distribution center of Tanaka.

Motivation to do so is that registration (or enrollment) processes are typically implemented as a web site (see Doonan et al (column 4 lines 35-37)).

5. Claims 3-5 and 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over the modified Tanaka and Doonan et al system as applied to claims 1 and 7 above, and further in view of Kohl (RFC 1510).

As per claims 3-4 and 8, the modified Tanaka and Doonan et al fails to disclose the use of tickets.

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However, Kohl teaches the use of tickets (see page 16).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the tickets of Kohl in the modified key distribution system of Tanaka and Doonan et al.

Motivation to do so would have been to provide authentication to the system (see page 1).

As per claims 5 and 9, the modified Tanaka, Doonan et al and Kohl system discloses a ticket granting ticket obtained with an AS Request that is authenticated using a public key previously registered with the provisioning ticket, the ticket granting ticket used by the client for obtaining further tickets from the KDC, where each further ticket is used for obtaining access to a particular server (see Kohl page 16).

6. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over the modified Tanaka and Doonan et al system as applied to claim 1 above, and further in view of FOLDLOC.

As per claim 6, the modified Tanaka and Doonan et al system fails to disclose the client provides a host identifier that uniquely identifies a computer on which the client application is running.

However, FOLDLOC teaches such a unique host identifier (see page 1).

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At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the IP address of FOLDLOC in the modified Tanaka and Doonan et al system.

Motivation to do so would have been to uniquely identify the host.

Response to Arguments

1. Applicant's arguments filed 08/04/2005 have been fully considered but they are not persuasive. Applicant argues: Tanaka fails to teach forwarding of any information to the key distribution center; Doonan fails to teach forwarding of any information to the key distribution center; Doonan teaches away from forwarding of an authenticated public key to a key distribution center; and there is no motivation to combine the two references.

Regarding Applicant's argument that Tanaka fails to teach forwarding of any information to the key distribution center, Tanaka teaches sending (forwarding) the public information in a common file. The common file can be accessed by any system and distribute that public information. Therefore the common file acts as a key distribution center.

Regarding Applicant's argument that Doonan fails to teach forwarding of any information to the key distribution center, in

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a request for an encryption key the sender includes a credential (column 4 lines 58-63) where the credential can be a public key (column 4 lines 41-43).

Regarding Applicant's argument that Doonan teaches away from forwarding of an authenticated public key to a key distribution center, as discussed above Doonan teaches forwarding of an authenticated public key in column 4 lines 58-63.

Regarding Applicant's argument that there is no motivation to combine the two references, the motivation, as discussed above and in the previous action, would have been for the registration to be implemented as a web site.

Applicant further argues the other references fail to make up for the deficiencies of Tanaka and Doonan; these arguments are moot in view of the above responses.

A further note with respect to Applicant's response, the header of the claims and response incorrectly show the US serial number of this application as 09807790 instead of the correct number of 09966552.

Conclusion

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pyzocha whose telephone number is (571) 272-3875. The examiner can normally be reached on 7:00am - 4:30pm first Fridays of the bi-week off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MJP


MATTHEW SMITHERS
PRIMARY EXAMINER
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